



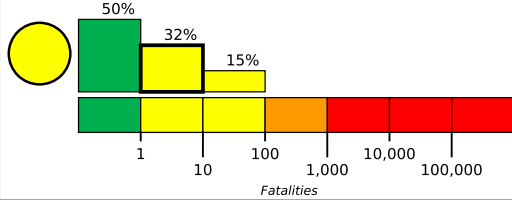
M 5.5, 9 km ENE of Rmganj, Bangladesh

Origin Time: 2023-12-02 03:35:33 UTC (Sat 09:35:33 local)

Location: 23.1473° N 90.9313° E Depth: 45.0 km

Created: 3 weeks, 2 days after earthquake

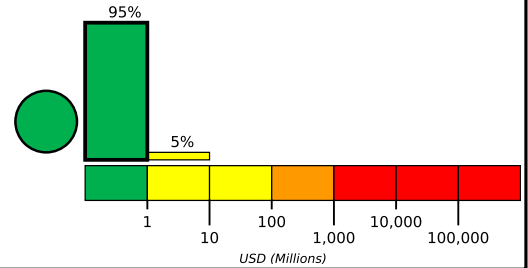
Estimated Fatalities



Yellow alert for shaking-related fatalities. Some casualties are possible and the impact should be relatively localized. Past events with this alert level have required a local or regional level response.

Green alert for economic losses. There is a low likelihood of damage.

Estimated Economic Losses

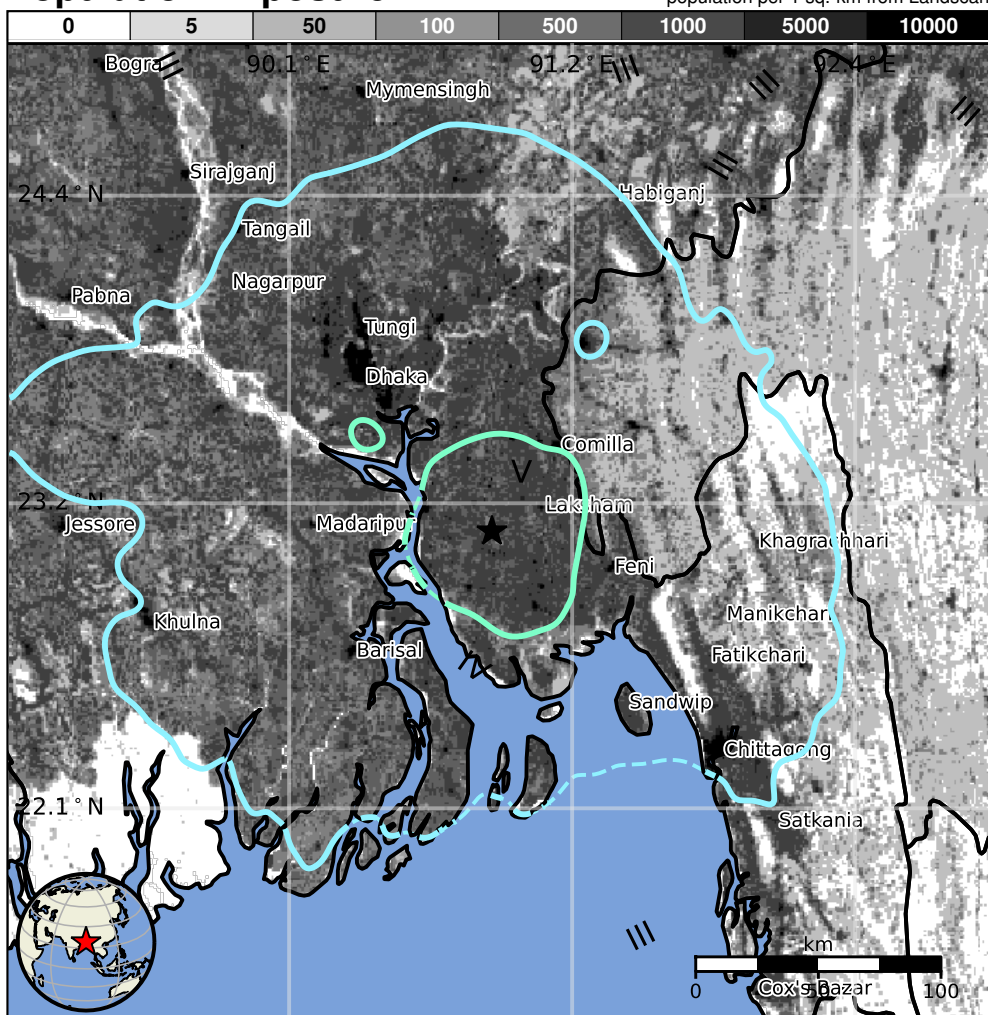


Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		—*	42,148k*	83,578k	10,907k	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	II-III	IV	V	VI	VII	VIII	IX	X+
PERCEIVED SHAKING		Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

*Estimated exposure only includes population within the map area.

Population Exposure



Structures

Overall, the population in this region resides in structures that are vulnerable to earthquake shaking, though resistant structures exist. The predominant vulnerable building types are adobe block with wood and rubble/field stone masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1988-02-06	180	5.8	VII(866k)	2
2003-07-26	145	5.6	VII(96k)	2
1984-12-30	258	6.0	IX(4k)	20

Recent earthquakes in this area have caused secondary hazards such as landslides that might have contributed to losses.

Selected City Exposure

from GeoNames.org

MMI	City	Population
V	Laksham	82k
V	Ramganj	55k
V	Raipur	65k
V	Lakshmipur	62k
V	Hajiganj	44k
IV	Comilla	389k
IV	Chittagong	3,920k
IV	Dhaka	10,356k
IV	Khulna	1,342k
III	Aizawl	265k
III	Sylhet	237k

PAGER content is automatically generated, and only considers losses due to structural damage.

Limitations of input data, shaking estimates, and loss models may add uncertainty.

<https://earthquake.usgs.gov/earthquakes/eventpage/us7000lfaa#pager>

bold cities appear on map.

(k = x1000)

Event ID: us7000lfaa